

Building a license plate recognition program based on grayscale images.

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Abstract: In practice, traffic management requires modern solutions to automate the data processing of license plates. This topic focuses on developing a license plate recognition program based on grayscale images. The goal is to build a system that can accurately analyze and extract information from license plate images. The research methodology includes both theoretical aspects of image signal processing and experimentation by applying optimized algorithms. The expected result is an efficient system that contributes to improving traffic management and supporting the operations of traffic police.

Keywords: License plate recognition, grayscale image processing, traffic management